

DATASHEET

RTI Architecture Review

RTI PROFESSIONAL SERVICES

HIGHLIGHTS

Condensed architecture review to mitigate risk, identify upcoming challenges and ensure system optimization

Highly-experienced engineers provide on-premise analysis, assessment and recommendations

Suitable at every stage of the project lifecycle

Range of focus from system scalability analysis to security assessment to fault tolerance/redundancy review

RTI Professional Services offers customized architecture reviews throughout the project lifecycle to help reduce project risk and identify potential problems before they occur. Our team of highly-experienced engineers offer a breadth of services to keep your system optimized and running.

ACCELERATE PROJECT SUCCESS AND MITIGATE RISK

Building and running mission-critical distributed systems is risky. Your project requires a robust, flexible architecture based on software and hardware that delivers high performance, 24x7. As the commercial leader in the OMG® DDS technology, RTI has helped our customers build, deploy and trouble-shoot across hundreds of systems. We're proud of the role that Connex DDS plays in distributing time-critical data across these complex systems of systems.

RTI Professional Services can help you manage the inherent risk associated with your system, whether you are starting your journey with a prototype, preparing for deployment, scaling up or simply maintaining performance. Our Services engineers have extensive experience with all stages of distributed system development, from architecture and design to integration and deployment, gathered from hundreds of successful field implementations. Our team is also comprised of engineers with active U.S. Security Clearances enabling us to work closely on classified projects if and when required.

Since risks will change over the lifecycle of the project, we offer periodic reviews and reassessments to make sure

your business and system performance goals are met. These concentrated and timely RTI architecture reviews help to assess and refine system behavior ahead of common issues that can delay or even derail performance.

PUT OUR EXPERIENCE TO WORK FOR YOUR SYSTEM

RTI understands that programs have preconditions that cannot be changed, milestones to be hit and requirements that must be satisfied. Our engineers will target your priority areas with customized guidance based on real-world deployments that map to the current lifecycle stage of your program, including:

- Assessment of communication architecture and design patterns
- System scalability analysis
- Information security analysis
- Safety requirements review
- Fault Tolerance/Redundancy review
- Data Model assessment

- Performance analysis (latency and throughput)
- Test methodology
- Computing platform and resources analysis
- System startup dependencies

Contact your RTI representative today to discuss how an architecture review can help you avoid unnecessary product risk and remove obstacles to success.

ABOUT RTI PROFESSIONAL SERVICES

Our global team helps RTI customers take on the world's hardest problems in distributed, connected systems. Like the famed Sherpas, we take pride in

navigating challenging obstacles and in our ability to expertly guide teams to peak system performance.

RTI has the most knowledgeable DDS professionals in the world, with 130+ years of combined DDS experience and over 350 years of combined experience in distributed system design. Our deeply-technical experts serve as trusted advisors to teams building next-generation military systems, autonomous vehicles, connected healthcare systems, energy production and other critical Industrial IoT environments. We also hold the necessary clearances to work onsite with your team in restricted facilities, if required.

Through hundreds of successful projects, we've accumulated deep knowledge about best practices, system optimization and the key tradeoffs to satisfy requirements. Working closely with RTI's growing customer base, we continually discover better, smarter and more effective ways to help you succeed.

COMPREHENSIVE SERVICES FOR OPTIMAL PERFORMANCE

Four components of a services engagement are critical for ensuring your team's success. These include onboarding, education, professional services and support plans. RTI provides the right mix of industry and technology expertise along with the training, tools and support needed to meet the specific needs of your business.

SUPPORT PLANS

Three customized plans – Basic, Essential and Premium – help to ensure your system is running at peak performance year-round, with rapid response to any incident.

EDUCATIONAL SERVICES

Custom educational services help to increase your team's productivity – from beginner to experienced users – with onsite training for all RTI Connex DDS products.



PROFESSIONAL SERVICES

Project-specific services, from architecture studies to security assessments, mitigate risk and help drive project success.

NEW CUSTOMER ONBOARDING

Free services to explore your use case, introduce Connex DDS, provide focused guidance and best practices to accelerate value from your investment in RTI products.

ABOUT RTI

Real-Time Innovations (RTI) is the largest software framework provider for smart machines and real-world systems. The company's RTI Connex[®] product enables intelligent architecture by sharing information in real time, making large applications work together as one.

With over 1,500 deployments, RTI software runs the largest power plants in North America, connects perception to control in vehicles, coordinates combat management on US Navy ships, drives a new generation of medical robotics, controls hyperloop and flying cars, and provides 24/7 medical intelligence for hospital patients and emergency victims.

RTI is the best in the world at connecting intelligent, distributed systems. These systems improve medical care, make our roads safer, improve energy use, and protect our freedom.

RTI is the leading vendor of products compliant with the Object Management Group[®] (OMG) Data Distribution Service[™] (DDS) standard. RTI is privately held and headquartered in Sunnyvale, California with regional headquarters in Spain and Singapore.

Download a free 30-day trial of the latest, fully-functional Connex DDS software today: <https://www.rti.com/downloads>.

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